

DERWENT-ACC-NO: 1998-125367

DERWENT-WEEK: 200444

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TITLE: By-pass door control apparatus using LAN for vehicular air- conditioning system - has fail-safe unit which closes by-pass door if communication error is detected between amp unit and door actuator

PATENT-ASSIGNEE: CALSONIC CORP[NIRD]

PRIORITY-DATA: 1996JP-0162536 (June 24, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 3540898 B2	July 7, 2004	N/A
011 B60H 001/00		
JP <u>10006749</u> A	January 13, 1998	N/A
008 B60H 001/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 3540898B2	N/A	1996JP-0162536
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INT-CL (IPC): B60H001/00

ABSTRACTED-PUB-NO: JP 10006749A

BASIC-ABSTRACT:

The apparatus has a shaft which bypasses a heater core arranged via a mix door from an evaporator (a). A by-pass door (G) provided in a bypass path guides the cold wind from the evaporator to a vent outlet (e). A by-pass door actuator (i) performs opening-closing switching control of the by-

pass door  
based on a door opening data from an air-conditioner amp unit (h).

A communication error check unit (j) checks a data communication error between the amp unit and the actuator. A fail-safe unit (k) performs a full closure of the by-pass door, if a communication error is detected.

ADVANTAGE - Improves operating efficiency by program modification of data processing circuit.

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS: PASS DOOR CONTROL APPARATUS LAN VEHICLE AIR CONDITION  
SYSTEM FAIL

SAFE UNIT CLOSE PASS DOOR COMMUNICATE ERROR DETECT AMP  
UNIT DOOR  
ACTUATE

DERWENT-CLASS: Q12 X22

EPI-CODES: X22-J02E;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1998-099841

